

# 870 Order Status Report

Functional Group ID=**RS**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

## Notes:

**1. Organizations use this transaction set to provide supply status on Special Program Requirements (SPR) requests. The Defense Automatic Addressing System Center (DAASC) and Inventory Control Points (ICPs) or Integrated Material Managers (IMMs) use this transaction set to notify the organization originating the SPR or Logistics Asset Support Estimate (LASE) transaction that the transaction was rerouted. ICPs or IMMs use this transaction to notify the originator of an SPR or LASE transaction that the Federal Supply Classification (FSC) provided on the original transaction was incorrect.**

**2. Use a single occurrence of this transaction set to transmit supply status to one or more organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.**

**3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.**

## Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BSR	Beginning Segment for Order Status Report	M	1		
Not Used	042	TD3	Carrier Details (Equipment)	O	1		
Not Used	043	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		
Not Used	044	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
Not Used	045	DTM	Date/Time Reference	O	10		
LOOP ID - REF						>1	
Not Used	046	REF	Reference Identification	O	1		
Not Used	047	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						200	
Must Use	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	2		
Not Used	070	N3	Address Information	O	2		
Not Used	080	N4	Geographic Location	O	1		
Not Used	090	REF	Reference Identification	O	12		
Not Used	100	PER	Administrative Communications Contact	O	3		

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Not Used	105	PWK	Paperwork	O	1
			LOOP ID - LM	10	
Not Used	120	LM	Code Source Information	O	1
Not Used	130	LQ	Industry Code	M	100

**Detail:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - HL			1000	
Must Use	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
			LOOP ID - ISR			104	
Not Used	030	ISR	Item Status Report	O	1		
Not Used	040	PID	Product/Item Description	O	6		
Not Used	050	QTY	Quantity	O	4		
Not Used	070	PER	Administrative Communications Contact	O	3		
	080	DTM	Date/Time Reference	O	10		
Not Used	086	CS	Contract Summary	O	3		n1
			LOOP ID - REF			>1	
Must Use	087	REF	Reference Identification	O	1		
Not Used	088	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			200	
Must Use	090	N1	Name	O	1		
Not Used	100	N2	Additional Name Information	O	2		
Not Used	110	N3	Address Information	O	2		
Not Used	120	N4	Geographic Location	O	1		
Not Used	130	REF	Reference Identification	O	12		
Not Used	140	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			10	
	144	LM	Code Source Information	O	1		
Must Use	145	LQ	Industry Code	M	100		
			LOOP ID - PO1			1000	
	150	PO1	Baseline Item Data	O	1		
Not Used	155	CUR	Currency	O	1		
Not Used	160	SLN	Subline Item Detail	O	100		
Not Used	170	PO3	Additional Item Detail	O	1		
Not Used	180	PID	Product/Item Description	O	1000		
Not Used	190	MEA	Measurements	O	40		
Not Used	200	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - ISR			104	
	210	ISR	Item Status Report	O	1		
Not Used	220	PID	Product/Item Description	O	6		
	230	QTY	Quantity	O	4		
	240	DTM	Date/Time Reference	O	10		
Not Used	250	N1	Name	O	1		
Not Used	251	N2	Additional Name Information	O	2		
Not Used	252	N3	Address Information	O	2		

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Not Used	253	N4	Geographic Location	O	1	
Not Used	260	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
Not Used	280	TD3	Carrier Details (Equipment)	O	1	
Not Used	290	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
Not Used	300	REF	Reference Identification	O	12	
Not Used	310	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
LOOP ID - LM					10	
	320	LM	Code Source Information	O	1	
Must Use	330	LQ	Industry Code	M	100	
LOOP ID - LX					>1	
Not Used	340	LX	Assigned Number	O	1	n2
Not Used	350	REF	Reference Identification	O	>1	
Not Used	360	N1	Name	O	1	
Not Used	370	DTM	Date/Time Reference	O	10	
LOOP ID - LM					10	
Not Used	380	LM	Code Source Information	O	1	
Not Used	390	LQ	Industry Code	M	100	

## Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Not Used	010	CTT	Transaction Totals	O	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. Use is limited to intra-organizational transactions.
2. The LX loop conveys serial number, lot number, and inventory data.
3. The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 870 Order Status Report	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

**Segment:** **BSR** Beginning Segment for Order Status Report  
**Position:** 020  
**Loop:**  
**Level:** Heading:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an Order Status Report Transaction Set  
**Syntax Notes:**  
**Semantic Notes:**

- 1 BSR03 indicates a status report document number assigned by the sender.
- 2 BSR04 indicates the date of this report from the sender.
- 3 BSR07 indicates the time of this report from the sender.
- 4 BSR08 indicates a status report document number assigned by the inquirer.
- 5 BSR09 indicates the date this report was requested from the sender by the inquirer.
- 6 BSR10 indicates the time this report was requested from the sender by the inquirer.

**Comments:**

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BSR01	850	<b>Status Report Code</b> Code indicating the reason for sending the report	<b>M ID 1/2</b>
			3 Unsolicited Report Use to indicate the DAASC or the ICP/IMM is notifying an organization of an error in an SPR or LASE transaction.	
			9 Response to a Requirement Forecast Use to indicate the supply source is providing planning information related to a SPR.	
Must Use	BSR02	847	<b>Order/Item Code</b> Code identifying a group of orders and items	<b>M ID 1/2</b>
			CA All Orders - All Items Use to indicate the response applies to all specified items.	
Must Use	BSR03	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>M AN 1/30</b>
			<i>Use code "Z" for this data element to satisfy a mandatory X12 syntax requirement.</i>	
Must Use	BSR04	373	<b>Date</b> Date expressed as CCYYMMDD	<b>M DT 8/8</b>
			<i>This date is the date of transaction set preparation and corresponds to the Universal Time Coordinate (UTC).</i>	
Not Used	BSR05	848	<b>Product/Date Code</b> Code indicating whether the inquiry is based on products and/or date parameters	<b>O ID 1/2</b>
Not Used	BSR06	849	<b>Location Code</b> Code indicating the selection of a supplier's and/or buyer's locations or group of locations	<b>O ID 1/2</b>
	BSR07	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>O TM 4/8</b>
			<i>1. Use to identify the originator's time of transaction set preparation time</i>	

			<i>in UTC.</i>		
			<i>2. Express time in a four-position (HHMM) format.</i>		
Not Used	BSR08	127	<b>Reference Identification</b>	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	BSR09	373	<b>Date</b>	O	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	BSR10	337	<b>Time</b>	O	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	BSR11	353	<b>Transaction Set Purpose Code</b>	O	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
			77 Simulation Exercise		
			Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.		
Not Used	BSR12	306	<b>Action Code</b>	O	ID 1/2
			Code indicating type of action		

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	050
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Heading:
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <b>2</b> N105 and N106 further define the type of entity in N101.
<b>Notes:</b>	<i>Must use the 1/N1/050 loop to identify the organization originating the transaction set.</i>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual <i>Use only one of codes GP, Z4, or ZN.</i>	<b>M ID 2/3</b>
			GP Gateway Provider Identifies a gateway access provider Use when DAASC is providing rerouting status.	
			Z4 Owning Inventory Control Point An inventory control organization responsible for management of a particular item Use to identify the ICP or IMM providing status.	
			ZN Losing Inventory Manager The organization losing management responsibility for an individual item of supply Use with BSR01 code 9 when the LIM is providing status.	
Not Used	N102	93	<b>Name</b> Free-form name	<b>X AN 1/60</b>
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	<b>X ID 1/2</b>
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10 Department of Defense Activity Address Code (DODAAC)	
			M4 Department of Defense Routing Identifier Code (RIC) An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
Not Used	N105	706	<b>Entity Relationship Code</b> Code describing entity relationship	<b>O ID 2/2</b>

<b>Must Use</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	

Must use with the appropriate 1/N101/050 code to indicate the organization cited in N104 originating the transaction set.



**Segment:** **HL** Hierarchical Level

**Position:** 010

**Loop:** HL Mandatory

**Level:** Detail:

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify dependencies among and the content of hierarchically related groups of data segments

**Syntax Notes:**

**Semantic Notes:**

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.  
The HL segment defines a top-down/left-right ordered structure.
  - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
  - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
  - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
  - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

**Notes:** *The transaction set hierarchical data structure is SPR or LASE transaction status only.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
Must Use	HL01	628	<b>Hierarchical ID Number</b> A unique number assigned by the sender to identify a particular data segment in a hierarchical structure <i>In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	<b>M</b> AN 1/12
Not Used	HL02	734	<b>Hierarchical Parent ID Number</b> Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	<b>O</b> AN 1/12
Must Use	HL03	735	<b>Hierarchical Level Code</b> Code defining the characteristic of a level in a hierarchical structure W Transaction Reference Number The HL loop will identify shipment notice information for each reported transaction reference number Use to identify the individual SPR or LASE transaction status loops.	<b>M</b> ID 1/2
Not Used	HL04	736	<b>Hierarchical Child Code</b> Code indicating if there are hierarchical child data segments subordinate to the level being described	<b>O</b> ID 1/1

**Segment:** **DTM** **Date/Time Reference**  
**Position:** 080  
**Loop:** HL Mandatory  
**Level:** Detail:  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
**Notes:** *Use in SPR/LASE status transactions.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 097 Transaction Creation Use to indicate the date of transaction preparation.	<b>M ID 3/3</b>
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>
Not Used	DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X TM 4/8</b>
Not Used	DTM04	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	<b>O ID 2/2</b>
Not Used	DTM05	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format	<b>X ID 2/3</b>
Not Used	DTM06	1251	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times	<b>X AN 1/35</b>

**Segment:** **REF** **Reference Identification**  
**Position:** 087  
**Loop:** REF Optional (Must Use)  
**Level:** Detail:  
**Usage:** Optional (Must Use)  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
2 If either C04003 or C04004 is present, then the other is required.  
3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** *Must use to identify the customer assigned transaction number.*

Data Element Summary					
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M	ID 2/3
			TN	Transaction Reference Number	
				Must use to identify the customer assigned transaction number.	
			WL	Federal Supply Classification Code	
				Use for ICP notification transactions to identify the correct FSC associated with the material cited in an SPR or LASE transaction.	
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M	ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	090
<b>Loop:</b>	N1 Optional (Must Use)
<b>Level:</b>	Detail:
<b>Usage:</b>	Optional (Must Use)
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<b>1</b> At least one of N102 or N103 is required. <b>2</b> If either N103 or N104 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<b>1</b> This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. <b>2</b> N105 and N106 further define the type of entity in N101.
<b>Notes:</b>	<b>1. Must use one iteration of this 2/N1/090 loop to identify the organization to receive the transaction.</b>  <b>2. Use additional iterations to identify other organizations associated with the transaction.</b>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	<b>M ID 2/3</b>
		78	Service Requester Must use to indicate the activity submitting the original SPR or LASE transaction.	
		ZA	Corrected Address The organization to which information should have been sent Use to identify the source of supply to whom DAASC or the ICP or IMM has rerouted the transaction.	
		ZP	Gaining Inventory Manager The organization assuming management responsibility for an individual item of supply Use for SPR response transactions to identify the Gaining Item Manager (GIM) for those items of supply involved in logistics reassignment.	
Not Used	N102	93	<b>Name</b> Free-form name	<b>X AN 1/60</b>
Must Use	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	<b>X ID 1/2</b>
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		M4	Department of Defense Routing Identifier Code (RIC) An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	<b>Identification Code</b>	<b>X AN 2/80</b>

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Code identifying a party or other code				
Not Used	N105	706	Entity Relationship Code	O ID 2/2
Code describing entity relationship				
	N106	98	Entity Identifier Code	O ID 2/3
Code identifying an organizational entity, a physical location, property or an individual				
TO			Message To	

Must use with 2/N101/090 code 78 to indicate the organization cited in N104 is receiving the transaction set.

**Segment:** **LM** **Code Source Information**  
**Position:** 144  
**Loop:** LM Optional  
**Level:** Detail:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *Use this 2/LM/144 loop to identify coded information maintained in departmental or agency documentation.*

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>LM01</b>	<b>559</b>	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values DF Department of Defense (DoD)	<b>M ID 2/2</b>
<b>Not Used</b>	<b>LM02</b>	<b>822</b>	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O AN 1/15</b>

**Segment:** **LQ** Industry Code  
**Position:** 145  
**Loop:** LM Optional  
**Level:** Detail:  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use to identify codes, as appropriate, consistent with management information requirements.*

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list	O ID 1/3
			0 Document Identification Code Codes that subclassify a transaction Use a second iteration with BSR01 code 3 to identify the document identifier code of the original transaction for which status is being provided.	
			78 Project Code Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes	
			81 Status Code Informs appropriate recipients about the status of a transaction or excess report Use multiple repetitions to identify status associated with the transaction number to notify of an FSC change and/or that DAASC rerouted a LASE or SPR transaction; otherwise do not use.	
			83 Supply Condition Code Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable	
			A9 Supplemental Data Identifies the originating organization's unique logistics information	
			ED Coast Designation Code The location of the consignee	
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/30

<b>Segment:</b>	<b>PO1</b>	<b>Baseline Item Data</b>
<b>Position:</b>	150	
<b>Loop:</b>	PO1	Optional
<b>Level:</b>	Detail:	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To specify basic and most frequently used line item data	
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PO103 is present, then PO102 is required.</li> <li>2 If PO105 is present, then PO104 is required.</li> <li>3 If either PO106 or PO107 is present, then the other is required.</li> <li>4 If either PO108 or PO109 is present, then the other is required.</li> <li>5 If either PO110 or PO111 is present, then the other is required.</li> <li>6 If either PO112 or PO113 is present, then the other is required.</li> <li>7 If either PO114 or PO115 is present, then the other is required.</li> <li>8 If either PO116 or PO117 is present, then the other is required.</li> <li>9 If either PO118 or PO119 is present, then the other is required.</li> <li>10 If either PO120 or PO121 is present, then the other is required.</li> <li>11 If either PO122 or PO123 is present, then the other is required.</li> <li>12 If either PO124 or PO125 is present, then the other is required.</li> </ol>	
<b>Semantic Notes:</b>		
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Element Dictionary for a complete list of IDs.</li> <li>2 PO101 is the line item identification.</li> <li>3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</li> </ol>	
<b>Notes:</b>	<i>Use the 2/P01/150 loop for SPR response transactions to identify the material and status associated with the transaction number.</i>	

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Not Used	PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15
Not Used	PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
Not Used	PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	O ID 2/2
Must Use	PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>Use only one of codes A2, A4, FB, FS, KD, PR, RR, SR, SW, or YP to identify the material. Must use the National Stock number (NSN) when known.</i>	X ID 2/2
		A2	Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition Use to identify ammunition items.	
		A4	Subsistence Identification Number Item identifier is a brand-name resale subsistence item Use to identify subsistence items.	



			FB	Form Number		
				Use to identify the form stock number.		
			FS	National Stock Number		
			KD	Replacement National Stock Number		
				Use to identify the substitute or superseding NSN when the requested material is either not available or obsolete.		
			PR	Process Number		
				Use to identify the substitute or superseding publication number when the requested material is either not available or obsolete.		
			RR	Replacement Product Number		
				Use to identify the substitute or superseding form stock number when the requested material is either not available or obsolete.		
			SR	Substitute Product Number		
				Use to identify the substitute or superseding ammunition item when the requested material is either not available or obsolete.		
			SW	Stock Number		
				Use to identify the substitute or superseding subsistence item when the requested material is either not available or obsolete.		
			YP	Publication Number		
				Use to identify the publication stock number.		
<b>Must Use</b>	<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>	
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>	
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>	
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>	
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>	
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
<b>Not Used</b>	<b>PO117</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>	
			Identifying number for a product or service			
<b>Not Used</b>	<b>PO118</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			

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<b>Not Used</b>	<b>PO119</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>PO120</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>PO121</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>PO122</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>PO123</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>Not Used</b>	<b>PO124</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>
<b>Not Used</b>	<b>PO125</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>

**Segment:** **ISR** Item Status Report  
**Position:** 210  
**Loop:** ISR Optional  
**Level:** Detail:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify detailed purchase order/item status  
**Syntax Notes:**  
**Semantic Notes:** 1 If ISR01 specifies a date, ISR02 is required.  
**Comments:**  
**Notes:** *Use the 2/ISR/210 loop to provide detailed status information.*

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ISR01	368	Shipment/Order Status Code	M ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
			CO	Customer Inquiry -Unshipped Items Only
				Use to indicate status is provided in response to a customer inquiry.
			UR	Unsolicited Report
				Use to indicate status is provided in accordance with normal status response parameters.
Not Used	ISR02	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	ISR03	641	Status Reason Code	O ID 3/3
			Code indicating the status reason	

<b>Segment:</b>	<b>QTY</b> Quantity
<b>Position:</b>	230
<b>Loop:</b>	ISR Optional
<b>Level:</b>	Detail:
<b>Usage:</b>	Optional
<b>Max Use:</b>	4
<b>Purpose:</b>	To specify quantity information
<b>Syntax Notes:</b>	<b>1</b> At least one of QTY02 or QTY04 is required. <b>2</b> Only one of QTY02 or QTY04 may be present.
<b>Semantic Notes:</b>	<b>1</b> QTY04 is used when the quantity is non-numeric.
<b>Comments:</b>	
<b>Notes:</b>	<b>1. Must use one repetition with responses to SPR forecasts to identify the quantity for which the SPR status code in the 2/LM/320 loop applies. May use a second repetition in response to an SPR forecast to indicate the procurement leadtime.</b>  <b>2. Do not use with transactions notifying of errors in SPR or LASE transactions.</b>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity	<b>M ID 2/2</b>
			1G Lead Time (in calendar units) The amount of initial lead time Use to indicate the number of procurement (or assembly) lead time days when required by the associated status code.	
			AY Forecast Use to identify the SPR forecast quantity associated with the support date in the 2/DTM/240 segment.	
Must Use	QTY02	380	<b>Quantity</b> Numeric value of quantity <i>Express as a whole number with no decimals.</i>	<b>X R 1/15</b>
	QTY03	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	<b>O</b>
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	<b>M ID 2/2</b>
Not Used	C00102	1018	<b>Exponent</b> Power to which a unit is raised	<b>O R 1/15</b>
Not Used	C00103	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>O R 1/10</b>
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>O ID 2/2</b>
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	<b>O R 1/15</b>
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	<b>O R 1/10</b>
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	<b>O ID 2/2</b>

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Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	QTY04	61	<b>Free-Form Message</b> Free-form information	X	AN 1/30

**Segment:** **DTM** **Date/Time Reference**  
**Position:** 240  
**Loop:** ISR Optional  
**Level:** Detail:  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:****Comments:****Notes:**

1. *Must use with responses to SPR forecasts to identify the support date associated with the forecast quantity in the 2/QTY/230 segment for which the status in the 2/LM/320 loop is provided.*
2. *Do not use with transactions notifying of errors in SPR or LASE transactions.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
<b>Must Use</b>	<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 106 Required By Use to identify the specific support date for which SPR status is provided.	<b>M ID 3/3</b>
<b>Must Use</b>	<b>DTM02</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>
<b>Not Used</b>	<b>DTM03</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X TM 4/8</b>
<b>Not Used</b>	<b>DTM04</b>	<b>623</b>	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	<b>O ID 2/2</b>
<b>Not Used</b>	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format	<b>X ID 2/3</b>
<b>Not Used</b>	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times	<b>X AN 1/35</b>

**Segment:** **LM** **Code Source Information**  
**Position:** 320  
**Loop:** LM Optional  
**Level:** Detail:  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *Use the 2/LM/320 loop to identify status related to the forecast quantity in the 2/QTY/230 segment and the date in the 2/DTM/240 segment.*

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

**Segment:** **LQ** **Industry Code**  
**Position:** 330  
**Loop:** LM Optional  
**Level:** Detail:  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*1. Use to identify codes, as appropriate, consistent with management information requirements.*

*2. Use multiple repetitions to identify SPR status associated with the transaction number.*

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	<b>Code List Qualifier Code</b> Code identifying a specific industry code list EY Special Program Requirement Status Code Informs of forecasting activities of action taken	<b>O ID 1/3</b>
Must Use	LQ02	1271	<b>Industry Code</b> Code indicating a code from a specific industry code list	<b>X AN 1/30</b>



**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary:  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>Must Use</b>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>Must Use</b>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	